

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: \_\_\_\_\_ Examiner #: \_\_\_\_\_ Date: \_\_\_\_\_  
 An Unit: \_\_\_\_\_ Phone Number 30 \_\_\_\_\_ Serial Number: \_\_\_\_\_  
 Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

## STAFF USE ONLY

Searcher: gan  
 Searcher Phone #: 571-272-2504  
 Searcher Location: 12/28  
 Date Searcher Provided: 12/29  
 Date Completed: 10  
 Searcher Prep & Review Time: 10  
 Client Prep Time: 10  
 On-line Time: 10

## Type of Search

NA Sequence (#) \_\_\_\_\_  
 AA Sequence (#) ✓  
 Structure (#) \_\_\_\_\_  
 Bibliographic \_\_\_\_\_  
 Litigation \_\_\_\_\_  
 Fulltext \_\_\_\_\_  
 Patent Family \_\_\_\_\_  
 Other \_\_\_\_\_

## Vendors and cost where applicable

STN \_\_\_\_\_  
 Dialog \_\_\_\_\_  
 Questel Orbit \_\_\_\_\_  
 Orlin \_\_\_\_\_  
 Lexis Nexis \_\_\_\_\_  
 Sequence Systems \_\_\_\_\_  
 WWW Internet \_\_\_\_\_  
 Other Services \_\_\_\_\_



# STIC Search Report

## Biotech-Chem Library

STIC Database Tracking Number: 111001

TO: Phillip Gambel  
Location: 8b03 / 9e12  
Monday, December 29, 2003  
Art Unit: 1644  
Phone: 308-3997  
Serial Number: 09 / 761569

From: Jan Delaval  
Location: Biotech-Chem Library  
Remsen Building – E01A51  
Phone: 571-272-2504

jan.delaval@uspto.gov

### Search Notes

72 9-17-03 / SPC  
M / POK

(11001

**Delaval, Jan**

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**From:** Gambel, Phillip  
**Sent:** Sunday, December 28, 2003 12:37 PM  
**To:** Delaval, Jan  
**Cc:** Chan, Christina  
**Subject:** rush sequence search for 09 / 761,569

jan

please perform a RUSH sequence and sequence interference search for

SEQ ID NO: 2

USSN 09/761,569

thanx

(note: in clarifying election, it turns out applicant elected SEQ ID NO: 2, NOT SEQ ID NO: 3 as previously searched)

fyi

phillip gambel  
art unit 1644  
308-3997

1644 mailbox 9e12

---

christina

please rush sequence rush

(note: in clarifying election, it turns out applicant elected SEQ ID NO: 2, NOT SEQ ID NO: 3 as previously searched)

fyi

thanx

phillip

01-12/29/03

**Hit Count****Set**  
**Name**  
result set*DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ*L10 (mitogen adj activated adj protein adj kinase\$)same (antibod\$) and (antibod\$)same  
(treat\$ or therap\$ or inhibit\$ or suppress\$ or administ\$) 108 L10*DB=EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ*L9 L8 same (Antibod\$) 1 L9L8 mkk3 11 L8L7 (mkk3) same (antibod\$)and (antibod\$)same (treat\$ or therap\$ or administ\$ or  
prevent\$ or suppress\$ or inhibit\$) 0 L7*DB=PGPB,USPT; PLUR=YES; OP=ADJ*L6 L5 same antibod\$ and (antibod\$)same (treat\$ or therap\$ or administ\$ or prevent\$ or  
suppress\$ or inhibit\$) 27 L6L5 mkk3 151 L5L4 L3 and disease\$ 11 L4L3 L2 and antibod\$ 11 L3L2 L1 and mkk 11 L2L1 davis.in. 18224 L1

END OF SEARCH HISTORY

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

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**Search Results - Record(s) 1 through 10 of 11 returned.**

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☐ 1. Document ID: US 20030129606 A1

L2: Entry 1 of 11

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030129606

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030129606 A1

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

PUBLICATION-DATE: July 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Davis, Roger J.	Princeton	MA	US	
Whitmarsh, Alan	Shrewsbury	MA	US	
Tournier, Cathy	Worcester	MA	US	

US-CL-CURRENT: 435/6; 435/15, 435/194, 435/320.1, 435/325, 435/69.1, 435/7.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 20030023990 A1

L2: Entry 2 of 11

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030023990

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030023990 A1

TITLE: JNK3 MODULATORS AND METHODS OF USE

PUBLICATION-DATE: January 30, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
DAVIS, ROGER J.	PRINCETON	MA	US	
FLAVELL, RICHARD A.	GUILFORD	CT	US	
RAKIC, PASKO	NEW HAVEN	CT	US	
WHITMARSH, ALAN J.	WORCESTER	MA	US	
KUAN, CHIA-YI	WALLINGFORD	CT	US	
YANG, DEREK DI	CARMEL	IN	US	

US-CL-CURRENT: 800/8; 435/320.1, 435/325, 435/4, 435/7.1, 536/23.1, 536/23.2,

800/21, 800/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20020102691 A1

L2: Entry 3 of 11

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102691

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102691 A1

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

PUBLICATION-DATE: August 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Davis, Roger J.	Princeton	MA	US	
Raingaud, Joel	Palaiseau		FR	
Derijard, Benoit	Nice		FR	

US-CL-CURRENT: 435/194; 435/320.1, 435/325, 435/6, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6610523 B1

L2: Entry 4 of 11

File: USPT

Aug 26, 2003

US-PAT-NO: 6610523

DOCUMENT-IDENTIFIER: US 6610523 B1

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: August 26, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis, Roger J.	Princeton	MA		
Whitmarsh, Alan	Shrewsbury	MA		
Tournier, Cathy	Worcester	MA		

US-CL-CURRENT: 435/194; 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6541605 B1

L2: Entry 5 of 11

File: USPT

Apr 1, 2003

US-PAT-NO: 6541605

DOCUMENT-IDENTIFIER: US 6541605 B1

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: April 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA		
Raingaud; Joel	Palaiseau			FR
Derijard; Benoit	Nice			FR

US-CL-CURRENT: 530/350; 435/6, 435/7.1, 435/91.1, 435/91.2, 536/22.1, 536/23.1,  
536/24.3, 536/24.31, 536/24.32, 536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 6. Document ID: US 6410693 B1

L2: Entry 6 of 11

File: USPT

Jun 25, 2002

US-PAT-NO: 6410693

DOCUMENT-IDENTIFIER: US 6410693 B1

TITLE: Inhibitors of the JNK signal transduction pathway and methods of use

DATE-ISSUED: June 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA	01541	
Dickens; Martin	Bristol B53 1AT			GB

US-CL-CURRENT: 530/388.26; 530/325, 530/326, 530/327, 530/328, 530/329, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 7. Document ID: US 6174676 B1

L2: Entry 7 of 11

File: USPT

Jan 16, 2001

US-PAT-NO: 6174676

DOCUMENT-IDENTIFIER: US 6174676 B1

TITLE: Cytokine-stress- and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: January 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA		
Raingaud; Joel	Palaiseau			FR
Derijard; Benoit	Nice			FR

US-CL-CURRENT: 435/6; 435/194, 435/810, 435/975, 436/501, 436/94, 530/387.1,  
536/23.1, 536/24.3, 536/24.33, 536/25.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw-D
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☐ 8. Document ID: US 6136596 A

L2: Entry 8 of 11

File: USPT

Oct 24, 2000

US-PAT-NO: 6136596

DOCUMENT-IDENTIFIER: US 6136596 A

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: October 24, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA		
Whitmarsh; Alan	Shrewsbury	MA		
Tournier; Cathy	Worcester	MA		

US-CL-CURRENT: 435/325; 435/194, 435/252.3, 435/320.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw-D
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☐ 9. Document ID: US 6043083 A

L2: Entry 9 of 11

File: USPT

Mar 28, 2000

US-PAT-NO: 6043083

DOCUMENT-IDENTIFIER: US 6043083 A

TITLE: Inhibitors of the JNK signal transduction pathway and methods of use

DATE-ISSUED: March 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA	01541	
Dickens; Martin	Leicester, LE1 3NJ			GB

US-CL-CURRENT: 435/325; 424/93.21, 435/320.1, 435/455, 435/6, 435/69.1, 514/44,  
536/23.1



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 10. Document ID: US 5804427 A

L2: Entry 10 of 11

File: USPT

Sep 8, 1998

US-PAT-NO: 5804427

DOCUMENT-IDENTIFIER: US 5804427 A

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: September 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger	Princeton	MA		
Raingeaud; Joel	Bazoges en Pareds			FR
Derijard; Benoit	Marseilles			FR

US-CL-CURRENT: 435/194; 435/183, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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Clear

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Fwd Refs

Bkwd Refs

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Term	Documents
MKK	114
MKKS	37
(MKK AND 1).PGPB,USPT.	11
(L1 AND MKK).PGPB,USPT.	11

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## Search Results - Record(s) 1 through 10 of 11 returned.

☐ 1. Document ID: US 20030129606 A1

L2: Entry 1 of 11

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030129606

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030129606 A1

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

PUBLICATION-DATE: July 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Davis</u> , Roger J.	Princeton	MA	US	
Whitmarsh, Alan	Shrewsbury	MA	US	
Tournier, Cathy	Worcester	MA	US	

US-CL-CURRENT: 435/6; 435/15, 435/194, 435/320.1, 435/325, 435/69.1, 435/7.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 2. Document ID: US 20030023990 A1

L2: Entry 2 of 11

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030023990

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030023990 A1

TITLE: JNK3 MODULATORS AND METHODS OF USE

PUBLICATION-DATE: January 30, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>DAVIS</u> , ROGER J.	PRINCETON	MA	US	
FLAVELL, RICHARD A.	GUILFORD	CT	US	
RAKIC, PASKO	NEW HAVEN	CT	US	
WHITMARSH, ALAN J.	WORCESTER	MA	US	
KUAN, CHIA-YI	WALLINGFORD	CT	US	
YANG, DEREK DI	CARMEL	IN	US	

US-CL-CURRENT: 800/8; 435/320.1, 435/325, 435/4, 435/7.1, 536/23.1, 536/23.2,

800/21, 800/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMVC	Draw. De
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☐ 3. Document ID: US 20020102691 A1

L2: Entry 3 of 11

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102691

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102691 A1

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

PUBLICATION-DATE: August 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Davis, Roger J.	Princeton	MA	US	
Raingaud, Joel	Palaiseau		FR	
Derijard, Benoit	Nice		FR	

US-CL-CURRENT: 435/194; 435/320.1, 435/325, 435/6, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMVC	Draw. De
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☐ 4. Document ID: US 6610523 B1

L2: Entry 4 of 11

File: USPT

Aug 26, 2003

US-PAT-NO: 6610523

DOCUMENT-IDENTIFIER: US 6610523 B1

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: August 26, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA		
Whitmarsh; Alan	Shrewsbury	MA		
Tournier; Cathy	Worcester	MA		

US-CL-CURRENT: 435/194; 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMVC	Draw. De
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☐ 5. Document ID: US 6541605 B1

L2: Entry 5 of 11

File: USPT

Apr 1, 2003

US-PAT-NO: 6541605

DOCUMENT-IDENTIFIER: US 6541605 B1

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: April 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA		
Raingaud; Joel	Palaiseau			FR
Derijard; Benoit	Nice			FR

US-CL-CURRENT: 530/350; 435/6, 435/7.1, 435/91.1, 435/91.2, 536/22.1, 536/23.1,  
536/24.3, 536/24.31, 536/24.32, 536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 6410693 B1

L2: Entry 6 of 11

File: USPT

Jun 25, 2002

US-PAT-NO: 6410693

DOCUMENT-IDENTIFIER: US 6410693 B1

TITLE: Inhibitors of the JNK signal transduction pathway and methods of use

DATE-ISSUED: June 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA	01541	
Dickens; Martin	Bristol B53 1AT			GB

US-CL-CURRENT: 530/388.26; 530/325, 530/326, 530/327, 530/328, 530/329, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 6174676 B1

L2: Entry 7 of 11

File: USPT

Jan 16, 2001

US-PAT-NO: 6174676

DOCUMENT-IDENTIFIER: US 6174676 B1

TITLE: Cytokine-stress- and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: January 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA		
Raingaud; Joel	Palaiseau			FR
Derijard; Benoit	Nice			FR

US-CL-CURRENT: 435/6; 435/194, 435/810, 435/975, 436/501, 436/94, 530/387.1,  
536/23.1, 536/24.3, 536/24.33, 536/25.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 8. Document ID: US 6136596 A

L2: Entry 8 of 11

File: USPT

Oct 24, 2000

US-PAT-NO: 6136596

DOCUMENT-IDENTIFIER: US 6136596 A

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: October 24, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA		
Whitmarsh; Alan	Shrewsbury	MA		
Tournier; Cathy	Worcester	MA		

US-CL-CURRENT: 435/325; 435/194, 435/252.3, 435/320.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 9. Document ID: US 6043083 A

L2: Entry 9 of 11

File: USPT

Mar 28, 2000

US-PAT-NO: 6043083

DOCUMENT-IDENTIFIER: US 6043083 A

TITLE: Inhibitors of the JNK signal transduction pathway and methods of use

DATE-ISSUED: March 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA	01541	
Dickens; Martin	Leicester, LE1 3NJ			GB

US-CL-CURRENT: 435/325; 424/93.21, 435/320.1, 435/455, 435/6, 435/69.1, 514/44,  
536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw D
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☐ 10. Document ID: US 5804427 A

L2: Entry 10 of 11

File: USPT

Sep 8, 1998

US-PAT-NO: 5804427

DOCUMENT-IDENTIFIER: US 5804427 A

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: September 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger	Princeton	MA		
Raingaud; Joel	Bazoges en Pareds			FR
Derijard; Benoit	Marseilles			FR

US-CL-CURRENT: 435/194; 435/183, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Term	Documents
MKK	114
MKKS	37
(MKK AND 1).PGPB,USPT.	11
(L1 AND MKK).PGPB,USPT.	11

Display Format:

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**Search Results - Record(s) 11 through 11 of 11 returned.**☐ 11. Document ID: US 5736381 A

L2: Entry 11 of 11

File: USPT

Apr 7, 1998

US-PAT-NO: 5736381

DOCUMENT-IDENTIFIER: US 5736381 A

TITLE: Cytokine-, stress-, and oncoprotein-activated human protein kinase kinases

DATE-ISSUED: April 7, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Roger J.	Princeton	MA	01541	
Gupta; Shashi	Worcester	MA	01604	
Raingaud; Joel	85390 Bazoges en Pareds			FR
Derijard; Benoit	13012 Marseille			FR

US-CL-CURRENT: 435/252.3; 435/320.1, 435/325, 435/6, 435/69.1, 435/91.1, 536/23.1, 536/23.5, 536/24.31, 536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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